## **Foreword**

In the name of Allah, Most Gracious, Most Merciful.

Assalamualaikum Warahmatullahi Wabarakatuh and greetings.

A heartfelt welcome to everyone attending the International Conference of Science Technology and Social Research (ICONSTAS) 2023.

With the theme "Embracing Sciences, Technology, and Social Transformation for a Sustainable Tomorrow", the conference converges researchers and participants from UiTM and UTHM Malaysia and 8 universities from Indonesia, namely UNHAS, ITB, IPB, UB, USU, UNAND, UNILA, and UNRAM, with the aspiration to promote networking and collaborations in exploring crucial matters affecting communities and humanity.

Leading up to the Industrial Revolution 5.0 (IR5.0) era, the issue of sustainability will become our utmost concern as the roles of humans are superseded by machines and robots. It is, therefore, timely to embrace science and technology knowledge and skills to collectively transform our daily responsibilities into more efficient and sustainable practices in the future.

Correspondingly, embarking on academic and research collaborations is essential for our universities' continuous development as this will foster the sharing of new knowledge, best practices, and the latest technology among experts and talents from diverse backgrounds.

With that, I congratulate the Faculty of Applied Sciences UiTM and all related parties for their commitment and outstanding efforts in organising this gathering of intelligent minds. I anticipate that the event will further strengthen the bonds between universities in this region and provide the impetus for a multitude of joint endeavours and product commercialisation within the research society.

May **ICONSTAS 2023** serve its purpose as a platform and a foundation for the growth of new ideas towards a better tomorrow.

Last but not least, I wish you a wonderful conference experience and an enjoyable stay in Shah Alam, Selangor.

Thank you.

PROFESSOR DATUK DR SHAHRIN SAHIB @ SAHIBUDDIN, FASc Vice-Chancellor Universiti Teknologi MARA